



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
January 23, 2014



Overview



Radiological Project Work Overview

- Current Project Map
- Parcel C
 - Phase II Field Work
 - Ship Berth Survey
 - Buildings 253 and 211 Survey
- Parcel E
 - 500 Series Reports
 - "I Street" SS/SD Removal
- Parcel D-1
- FSS Report Status



2014 Radiological Projects





Parcel C, Phase II SS/SD Removal

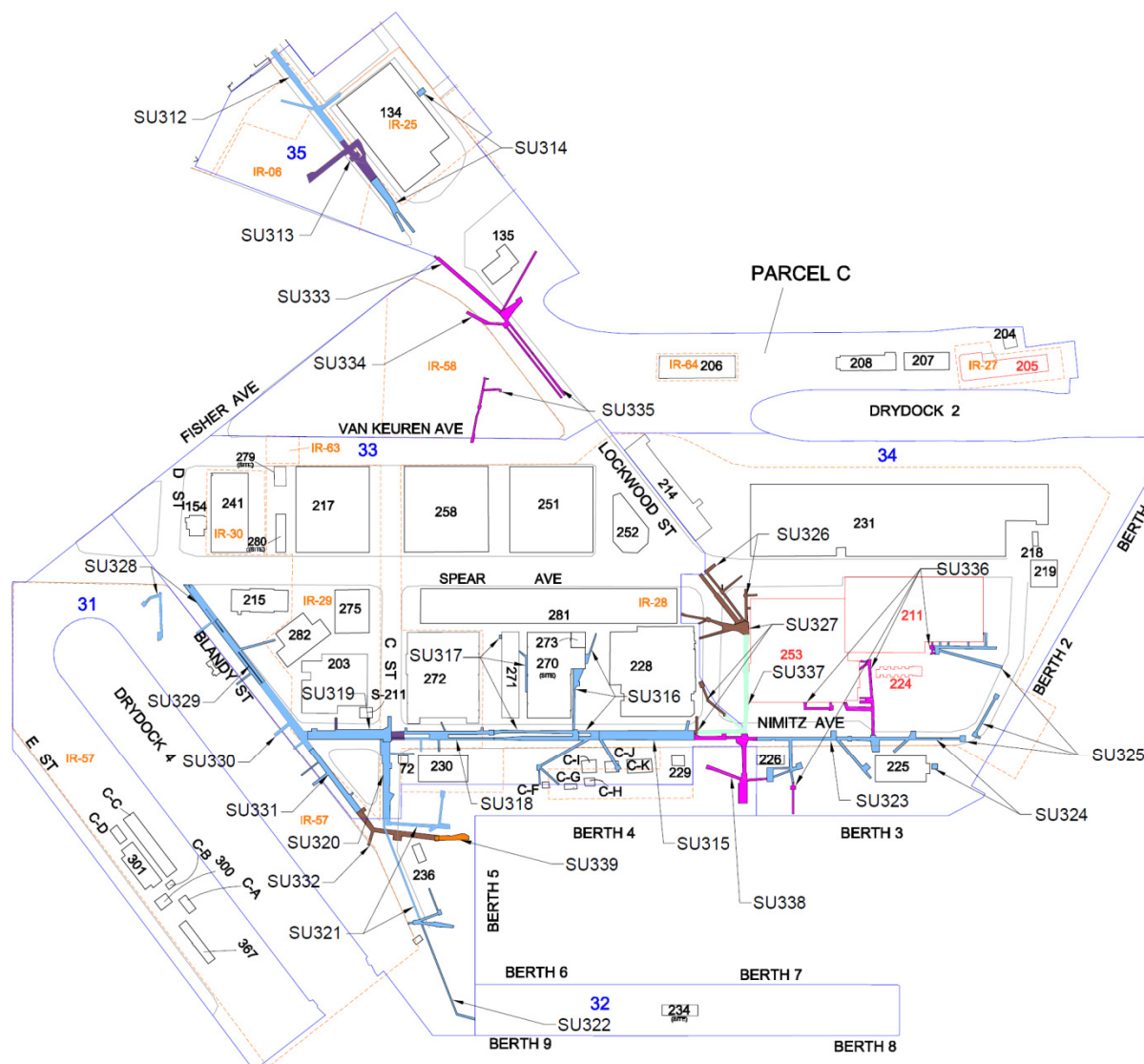


Parcel C SS/SD line removal:

- Phase II – 14,020 of 14,300 linear feet of SS/SD lines (98%)
- Construction of approximately 2,000 LF of the storm water drainage system (see Slide 6); 40% complete.
- 29 Trench Units (TUs) Excavated to date:
 - 5 – Active TUs (undergoing sampling, survey, and/or remediation)
 - 1 – TU passed screening; awaiting definitive data
 - 1 – TU awaiting backfill approval
 - 2 – Radiologically cleared TUs; turned over to CB&I
 - 3 – Backfilling/Restoration of TUs (installing drainage system)
 - 17 – Backfilled/Restored TUs



Parcel C, Phase II

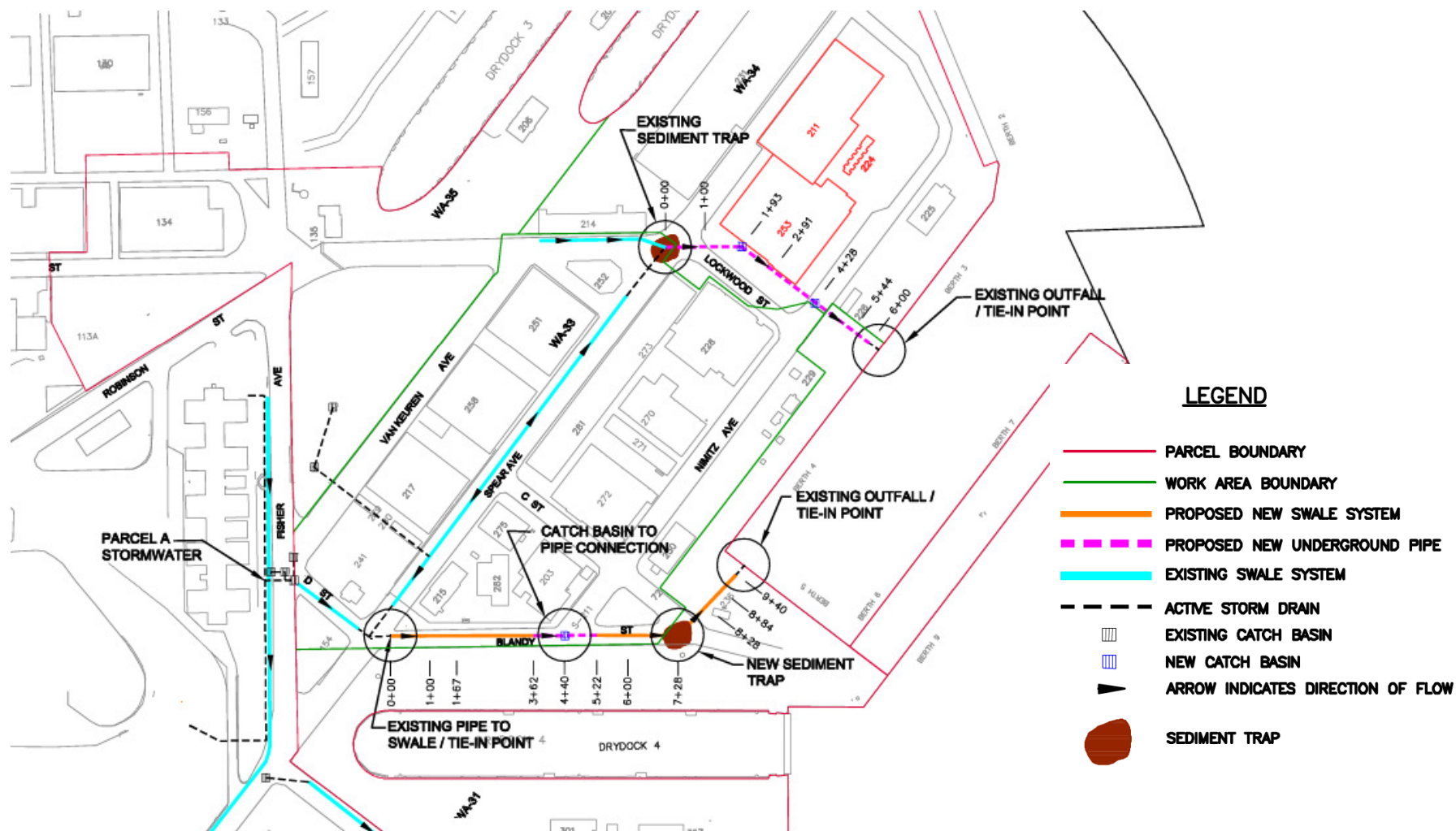


- ACTIVE TRENCH UNITS (QTY = 5)
- TRENCH UNITS THAT HAVE PASSED SCREENING SAMPLING BUT WAITING FOR DEFINITIVE DATA (QTY = 1)
- TRENCH UNITS THAT HAVE PASSED DEFINITIVE DATA BUT WAITING FOR BACKFILL APPROVAL (QTY = 1)
- APPROVED FOR BACKFILL (QTY = 0)
- PORTION OF TRENCH UNIT LEFT OPEN AND TRANSFERRED TO CB&I (QTY = 2)
- CURRENTLY BACKFILLING/SITE RESTORATION (QTY = 3)
- BACKFILLED/RESTORED (QTY = 17)



Parcel C

Storm Water Drainage System





Parcel C, Phase II Field Activities



Excavation for swale along Blandy St.



Lining swale with woven geotextile



Lining swale with gravel



Placing recycled asphalt beside swale



Parcel C, Phase II Ship Berth Surveys



Terrestrial (soil) Survey Units:

- Survey Units 2, 3, 6, 7, and 9 – Surveys complete
- Survey Units 1, 4, 5, and 8 – Characterization sampling and remediation being performed

Cantilevered (concrete) Survey Units:

- Survey Units 10-13 – Surveys complete



Buildings 253 and 211



Removal and survey of ventilation system

- 96% removed

Building 211 "Wooden Extension" demolition

- 75% surveyed and screened

Buildings 253/211

- Continue characterization surveys of floor surfaces; completed 47% of alpha/beta scans



Buildings 253 and 211



Staging Building 211 Extension debris for scanning



Surveying of duct work in Building 253



Scanned debris pile awaiting sample results



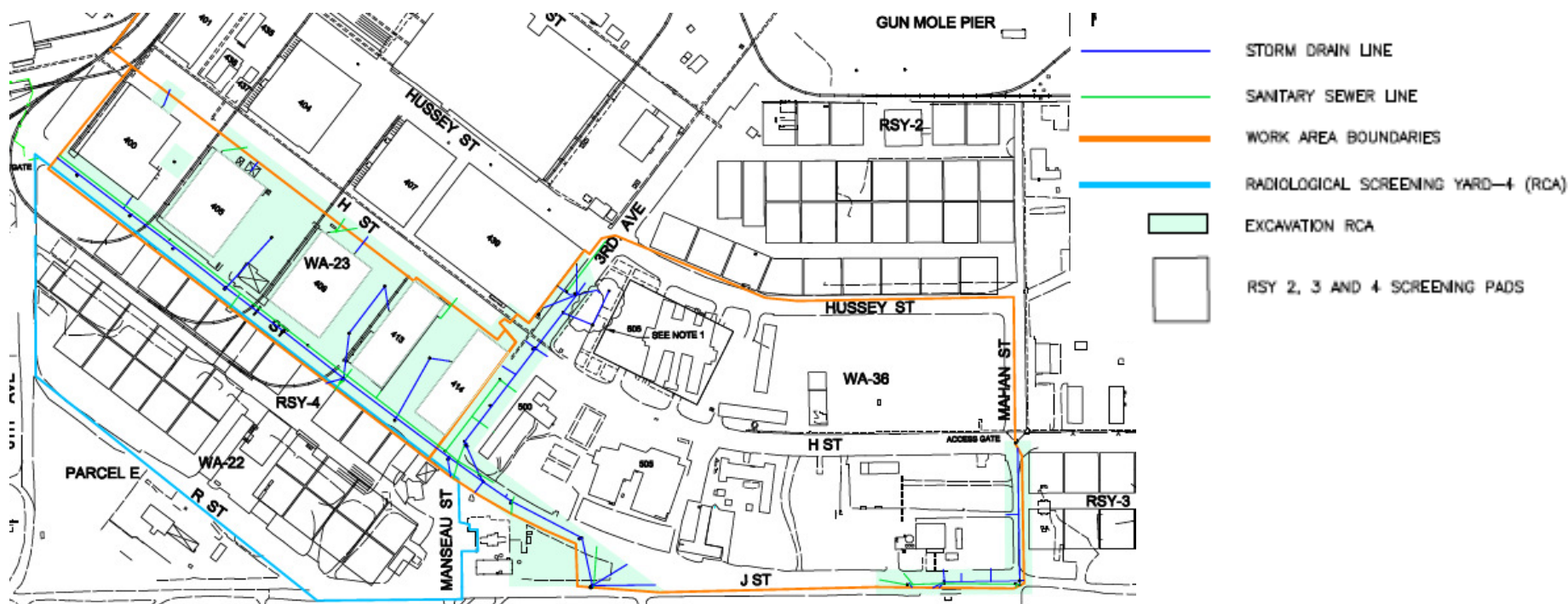
Removal of residual dust from duct work



Parcel E SS/SD Removals "I Street"



- Began work area preparation activities on January 6
- Began SS/SD removal on January 9
- 639 LF of the scoped 7,600 LF has been removed





Parcel C-Phase I & Parcel E-500 Series Upcoming Work



- Parcel C- Phase I
 - Internal Draft North Pier FSS Report
- Parcel E- 500 Series
 - Draft Former Shacks 79/80 FSS Report
 - Draft 500 Series Area FSS Report
 - Internal Draft 707 Triangle Area FSS Report



Parcel D-1 Phase I



- Phase I
 - Gun Mole Pier
 - Final FSS report issued January 17
 - Phase I RACR
 - Final RACR issued January 14
 - Confirmation samples
 - Gun Mole Pier samples picked up by CDPH on January 9



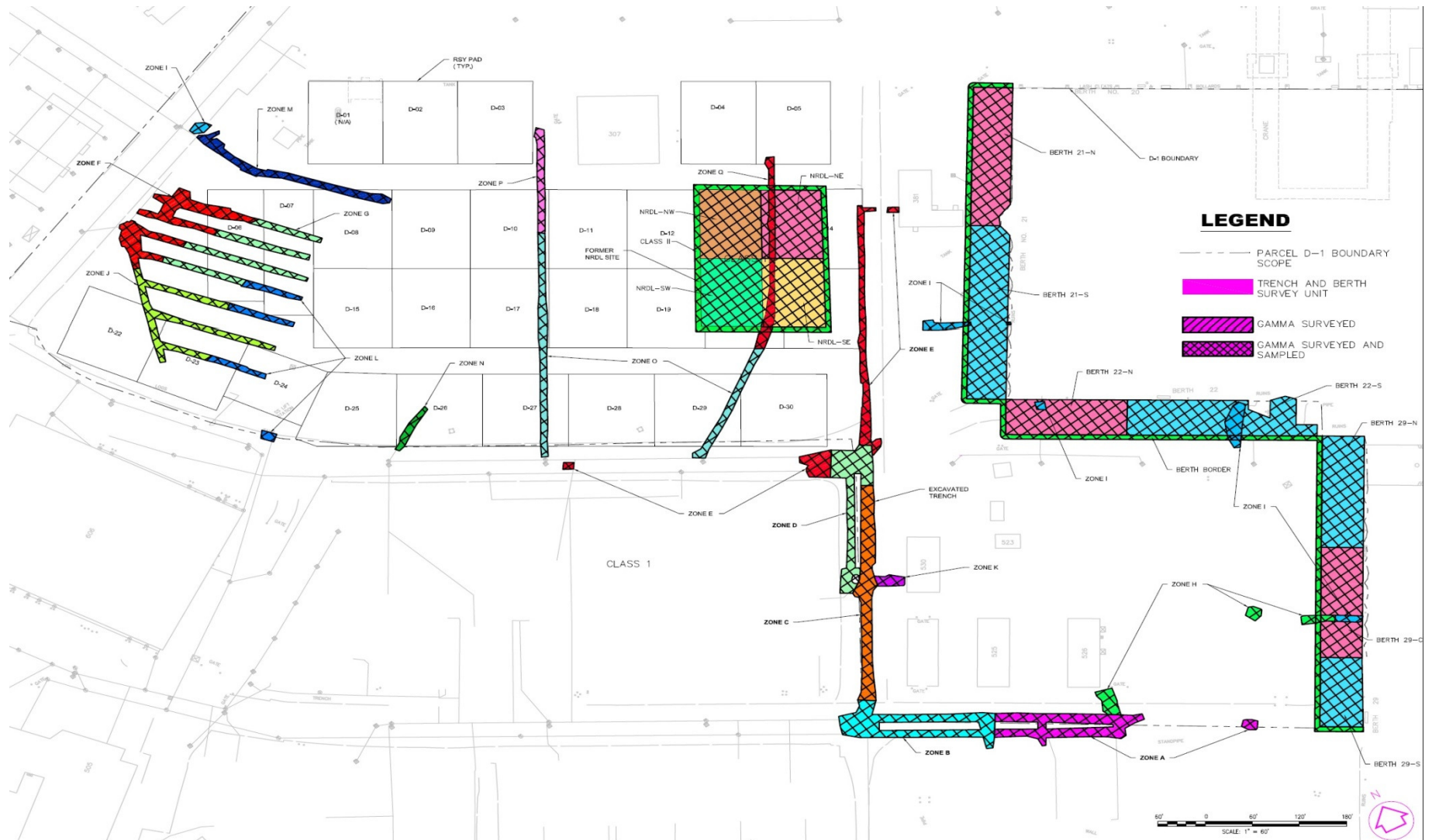
Parcel D-1, Phase II Actions Completed to-date



- Removal of 100% of the SS/SDs at Parcel D-1
- Gamma walk-over survey and sampling of the excavated soil on RSY pads and trench excavations
- Surveying and sampling of Rail Ties
- Staging of the rail ties for transport and disposal
- Gamma walk-over survey and sampling of the Former NRDL site and Ship Berth 21, 22 and 29



Parcel D-1, Phase II





Parcel D-1, Phase II Remaining Field Activities



- Backfill SS/SD trench excavations
- Transport and disposal of rail ties
- Complete remediation and FSS at NRDL site and Ship Berths 21, 22, & 29
- Survey Ship Berth 14 (following release of rail ties)
- Deconstruct RSY-2 (rad survey and movement of material)
- Demobilization



Project Schedule



Mobilization	Completed
Site Prep Activities (Equipment assembly, calibration, SWPPP, utility survey, boundary installation)	Completed
Waste Characterization of Railroad Ties	Ongoing (Awaiting Laboratory Analytical Results)
Final Status Surveys of the Ship Berths	Ongoing (Awaiting Laboratory Analytical Results)
SS/SD Excavation	Completed
SS/SD Survey and Sampling & RASO Approval to Backfill	Ongoing (Awaiting Laboratory Analytical Results)
Backfill/Site Restoration & Final Gamma Walkover Surveys and Rail Tie transport and disposal.	March 10, 2014
Field Work Completion & Demobilization	April 10, 2014
FSS Report	December 2014



FSS Report Status Parcels C, D-1, & E

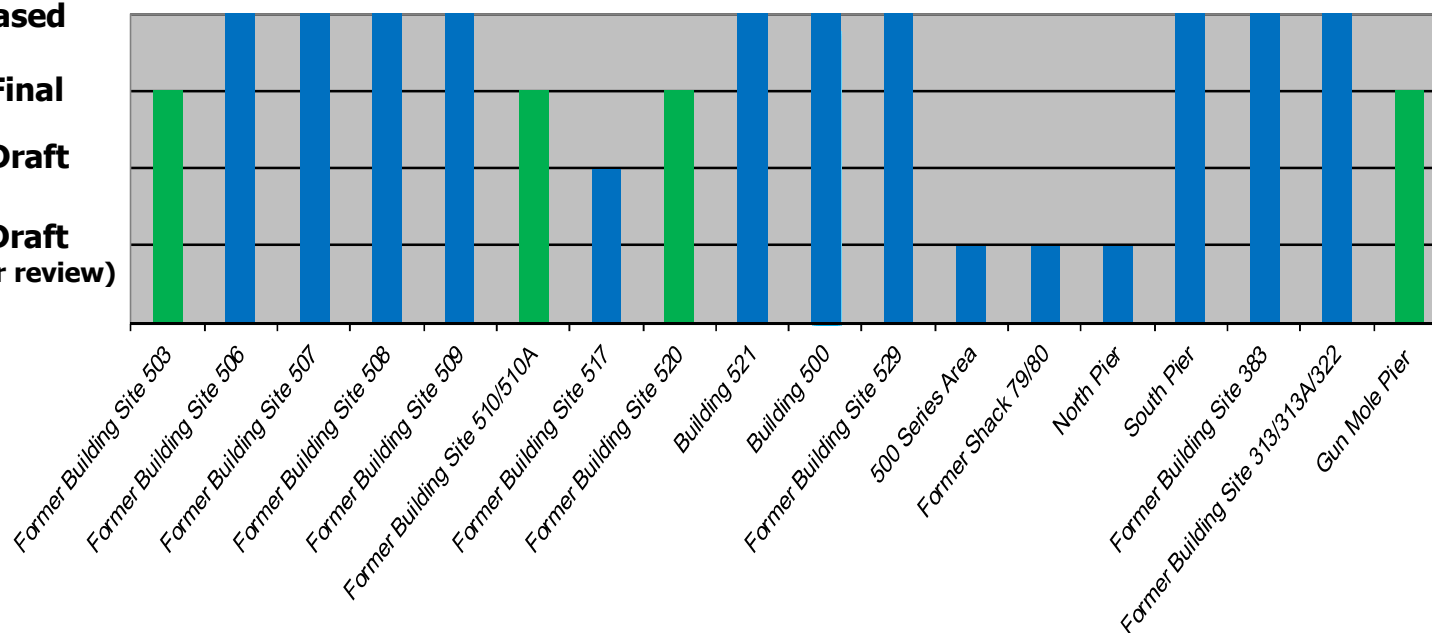


Free-Released

Final

Draft

Internal Draft
(Data under review)



Waiting for concurrence for
Free-Release determination





Comments, Questions, Concerns ?